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Top 10 Points to Bear in Mind for Lift and Shift of Oracle E-Business Suite to Cloud

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Introduction:

This white paper is a highlight of the session presented at Oracle's AIOUG conference Sangam 2017.

This “Lift-and-Shift” white paper walks you through the migration of an Oracle E-Business Suite application that currently resides on premise in the data center to Oracle Cloud. The white paper provides background information and the best project approach for a successful migration to the cloud.

"Cloud" is a buzz word these days in technology & a lot of businesses are heading for it.

As the saying goes in English, "Failing to Plan is Planning to Fail", so it is very essential that proper analysis of the Oracle E-Business suite environment on premise is done & the required factors for migration to the cloud are identified ahead of time & an appropriate feasibility study is done before doing the migration activity.

It's just not a lift and shift activity but an assessment of the cloud for its readiness, the right approach to be taken with minimal downtime possible so that there are not much hassles to the business & of course a lot more.....

Advantages of choosing Oracle Cloud for Oracle E-Business Suite

- ✓ Single Vendor Solution Accountability with Oracle cloud
- ✓ Certification/Support for the Oracle Database with RAC
- ✓ Limited Enterprise Capabilities with other CSP's for Oracle EBS
- ✓ Choice of options with Oracle Cloud (Public, Private & Cloud @ customer)
- ✓ "Lift And Shift" capability to move to the Cloud
- ✓ The Key Weapon - EBS Cloud Admin Tool
- ✓ No One way Street - Flexibility to move from on Premise to Cloud & Vice versa
- ✓ Single pane of glass for hybrid management (No Third Party required)
- ✓ Oracle gives the option of Bring Your Own Licence [BYOL] model
- ✓ Oracle Cloud has Exadata - the worlds fastest & the best database platform to support mission critical databases

Why Oracle Cloud over other CSP's

	On-Premise	Any IaaS	Oracle Cloud
Migration and Deployment Automation	✓		✓
Lift-n-Shift Tools	✓		✓
Upgrade & Patching	✓		✓
Single Pane Application Management	✓		✓
Elastic Scaling		✓	✓
Backup & Recovery		✓	✓
Disaster Recovery		✓	✓
High Availability		✓	✓
Out-of-box PaaS Integration			✓
Full-stack Technical Support			✓

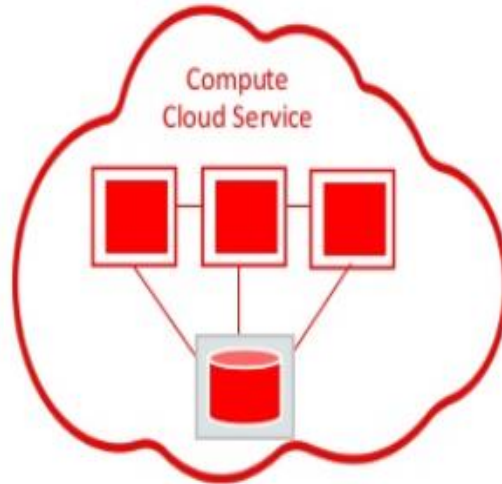
Deployment models on the Cloud

Single node on IaaS



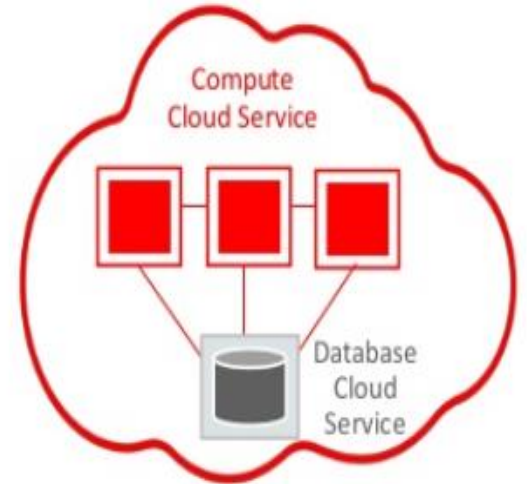
- "All-in-One"
- Demo / Sandbox / Training
- Explore new functionality

Multiple nodes on IaaS



- "Scale-out" apps tier
- Dev, Test, Prod
- Full scale deployment

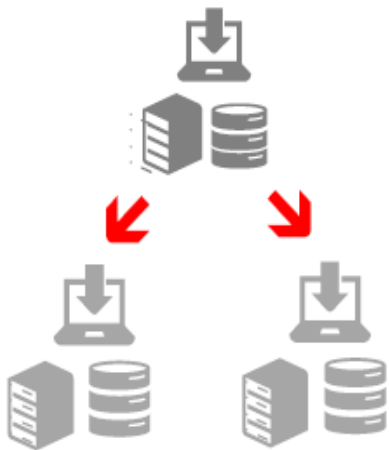
IaaS + Database Cloud Service



- "Scale-out" apps tier and database tier
- Leveraging DBCS for manageability & RAC
- Same components as multiple tiers, but with your data in Oracle Database Cloud Service (DBCS)

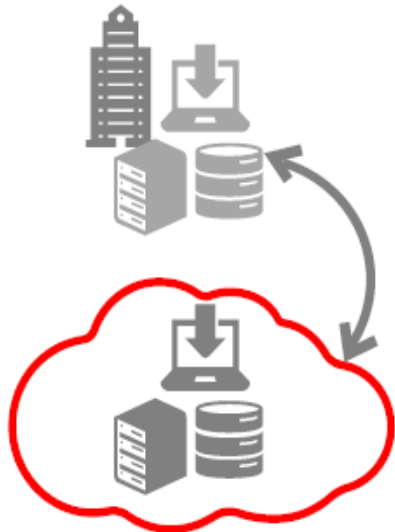
Running Oracle E-Business Suite on Oracle Cloud

Rapid Provisioning



Quickly create multiple environments, as needed

Migration Tools



Migrate on-prem EBS Instances to Oracle Cloud

Development in the Cloud



Customizing or extending EBS in the Oracle Cloud

Hybrid Cloud Management



Lifecycle management and runtime monitoring of EBS instances on-prem and on Oracle cloud.

Top 10 factors to be considered for a successful migration

- ✓ Different Cloud Vendors Available & whom do I choose ?
- ✓ Deployment Models on cloud & which one fits my requirement ?
- ✓ Choice of Operating System
- ✓ Common Preparatory steps before migration to cloud
- ✓ The key role of EBS Cloud Admin Tool
- ✓ Security Factor on Cloud
- ✓ Approach for Lift & Shift - How can it be done ?
- ✓ Integration of Oracle EBS on cloud with other components
- ✓ How long does it take for migration ?
- ✓ Can the Cloud handle the disaster ? DR setup on Cloud